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OXC 4301

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30 JAN 1963

MEMORANDUM FOR: Chief, Communications Staff, OSA

SUBJECT: Communications and Equipment Requirements Coincident with Electronic Data Processing

1. The establishment of the Automation Branch, Operations Division, to provide Electronic Data Processing to support Operations projects, has been accomplished during the past two months. Included in the approved Activity Program [] for this branch is the sum of [] formal of EDP equipment through June 1963. Additional funding for fiscal year 1964 will be included in future budget correspondence. Additionally, funds for communications equipment to support Electronic Data Processing should be requested in your future budget considerations. Therefore, this memorandum is intended to apprise you of the basic requirements as envisioned at this time.

2. In order to simplify the problem, requirements will be enumerated using two phases. The first phase will include support required in the immediate future through 31 December 1963. The second phase will include support for long range requirements beginning 1 January 1964.

a. Phase I:

(1) Communication gear to provide secure transmission of information from paper tape sources to and from the new NPIC installation and the Control Center, Operations Division.

(2) Adequate EDP equipment in the Operations Division to prepare paper tapes from punched card resources.

(3) Communications gear to provide secure transmission of paper tape data []

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(4) EDP equipment [redacted] to provide print-out capability from paper tape to useable form, i. e., flight plans, weather data, etc.

b. Phase II:

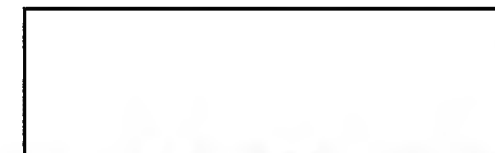
(1) Continued requirement for communications and EDP gear outlined in paragraph a. above.

(2) Electronic display device for installation in the Control Center.

(3) Communications and associated buffer gear between this location and NPIC to provide transmission of data direct from Univac 490 at NPIC to the electronic display device here in the Control Center [redacted]

3. More definitive information on the specific gear and proposed method of use and operation of the equipment enumerated in paragraph 2. above, will be available at a later date. Personnel from the Automation Branch, Operations Division, will continue to work closely with Communications Staff personnel to establish these specifics.

4. The attached schematic is intended to illustrate the basic concept.



Chief, Operations Division, OSA

APPROVED:

JACK E. LEDFORD
Colonel USAF
Assistant Director
(Special Activities)

Attachment - [redacted]
As noted ab

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cc: AD/OSA

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OSA/OD/AB/ [REDACTED] (28 Jan 63)

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